



CONSTRUCTION EQUIPMENT

TRANSPORT LEASING VOLVO L220H 3068 - REAR AXLE



Sample No: VCP440408
Oil Type: MOBIL MOBILFLUID 424
Job No: TRANSPORT LEASING



SAMPLE INFORMATION

Sample Number	VCP440408	VCP428885	VCP400161	VCP371239
Sample Date	02 Apr 2024	09 Jan 2024	12 Oct 2023	06 Feb 2023
Machine Hours	13386	12343	11271	10014
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	52.3	54.4	49.3	48.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	15	17	16	17
Sodium	ppm	1	0	<1	0
Potassium	ppm	0	1	0	1

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	11	15	9	15
Copper	ppm	0	<1	0	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	2	<1	<1
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	2	<1	<1	6
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3277	3281	3184	3415
Magnesium	ppm	33	22	34	45
Zinc	ppm	1369	1276	1367	1394
Phosphorus	ppm	1158	1222	1113	1135
Barium	ppm	0	0	<1	0
Boron	ppm	113	110	106	122

Depot: VOLVO1835
Unique No: 10977821
Signed: Wes Davis
Report Date: 15 Apr 2024



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VOLVO GRAPHS

